

Title (en)

DO WN-THE-HOLE HAMMER AND COMPONENTS FOR A DO WN-THE-HOLE HAMMER, AND A METHOD OF ASSEMBLING A DO WN-THE-HOLE HAMMER

Title (de)

BOHRHAMMER UND KOMPONENTEN FÜR EINEN BOHRHAMMER SOWIE VERFAHREN ZUR MONTAGE EINES BOHRHAMMERS

Title (fr)

MARTEAU FOND DE TROU, COMPOSANTS ASSOCIES ET SON PROCEDE D ASSEMBLAGE

Publication

**EP 1977072 A1 20081008 (EN)**

Application

**EP 06835820 A 20061205**

Priority

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- US 30671406 A 20060109

Abstract (en)

[origin: US2007158113A1] A down-the-hole hammer includes a casing and a piston movable in the casing between a lowermost operating position and an uppermost operating position. A recess is provided between the piston and the casing so that the piston and the casing define an intermediate chamber between a top end of the piston and a bottom end of the piston. A passageway is provided between a source of pressurized fluid and the intermediate chamber such that, at all positions of the piston between the lowermost and the uppermost operating positions, the source of pressurized fluid is in flow communication with the intermediate chamber through the passageway. An opening in the piston at least partially defines the passageway.

IPC 8 full level

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CPC (source: EP KR US)

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